

NOTES ON VERMONT PLANTS.—In RHODORA 1: 155, Mr. E. L. Rand notes the occurrence of *Subularia aquatica* on Mt. Desert Island. It may be of interest to know that this diminutive crucifer grows in great luxuriance in South Pond, Marlboro, Vermont, some ten miles from Brattleboro, at an estimated elevation of 1,000 to 1,500 feet above sea-level. My observations as to the depth at which it grows agree perfectly with those of Mr. Rand.

In RHODORA 1: 172, Mr. H. W. Jewell reports the occurrence of *Vaccinium uliginosum* at an altitude of only 300 to 400 feet. I have collected it at about the same altitude on the banks of the Lamoille River in Johnson, Vermont. *Vaccinium caespitosum* is abundant, and fruits freely along the banks of the West River at Newfane, Vermont, not over 300 or 400 feet above sea-level. This locality is of easy access, as it is on rocks just south of the Newfane end of the bridge to Brookline.—A. J. GROUT, Boys' High School, Brooklyn, N. Y.

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THE FIFTH ANNUAL WINTER MEETING OF THE VERMONT BOTANICAL CLUB was held at the University of Vermont, January 26 and 27, 1900. Twenty or more papers of general and local interest were presented. An interesting discussion on the nature of species was led by Prof. F. A. Waugh and Dr. E. A. Burt. The former maintained that the more plant species were studied the more intergrading forms were found; and that species were created by man, not by nature. Dr. Burt, while admitting this often to be the case, held that there were certain well-defined gaps between species. Pres. Brainerd explained recent division of composite species, particularly in *Antennaria*.

The results of experiments upon the dehiscence of the Sporogonium of *Pteris cretica* were given by Miss Ethel Bates of Middlebury. She showed the dehiscence was due to variations in temperature rather than in moisture, as is commonly stated.

Prof. W. J. Morse, of Montpelier Seminary, led an interesting and profitable discussion of what should be included in the course in botany of the high school and academy.

Over one hundred new species of flowering plants were reported for the flora of Vermont by members of the club during the year. This, and other facts concerning the results of last year's work, were presented by W. W. Eggleston.

The officers of the club were reëlected, as follows: President, Ezra Brainerd; vice-president, C. G. Pringle; secretary and treasurer, L. R. Jones.—The midsummer meeting will be held at Willoughby Lake the second week of July.—C. D. HOWE.